

380V Parts List

Designator	Description	QTY	Code	Check
R1, R7, & R8	100Ω 2W Carbon Film Resistor	4	Brown- Black- Brown	<input type="checkbox"/>
R3, & R4	4.7Ω 2W Carbon Film Resistor	2	Yellow- Violet- Gold	<input type="checkbox"/>
R5, & R6	10Ω 1/2W Carbon Film Resistor	2	Brown-Black-Black	<input type="checkbox"/>
VR1	250Ω 2W Potentiometer	1	250 Ohm	<input type="checkbox"/>
VC1	Trim Capacitor	1	465	<input type="checkbox"/>
C2, & C3	.01 Ceramic Disc Capacitor	2	.01 or 103	<input type="checkbox"/>
C4	390pf Silver Dipped Mica Capacitor	1	390 or 391 / 500V	<input type="checkbox"/>
C5	820 pf Silver Dipped Mica Capacitor	1	820 or 821 / 500V	<input type="checkbox"/>
C6, & C7	120 pf Silver Dipped Mica Capacitor	2	120 or 121 / 500V	<input type="checkbox"/>
C8	150pf Silver Dipped Mica Capacitor	1	150 or 151 / 500V	<input type="checkbox"/>
C9	22 uf Electrolytic Capacitor	1	22 uf / 25V	<input type="checkbox"/>
C10	22 pf Ceramic Disc Capacitor	1	22	<input type="checkbox"/>
C11	.03 uf Silver Dipped Mica Capacitor	1	Large Cap. (Not Labeled)	<input type="checkbox"/>
D1	3A / 1000V PIV Silicon Rectifier	1	1N5408	<input type="checkbox"/>
D2	1A / 1000V PIV Silicon Rectifier	1	1N4007	<input type="checkbox"/>
D3	Glass Signal Diode	1	1N4148	<input type="checkbox"/>
D4	LED Indicator assy.	1	LED / Resistor Pkg.	<input type="checkbox"/>
TR1, & TR2	2SC2879 RF Power Transistor	2	PSF# 2SC2879	<input type="checkbox"/>
TR3	Switching Transistor / TO-92	1	PSF# PN2222A	<input type="checkbox"/>
FC1, & FC2	1/2" x 1/2" Ferrite Core	2	PSF# FC.5	<input type="checkbox"/>
FC3, FC4 & FC5	1/4" x 1/2" Ferrite Core	3	PSF# FC.25	<input type="checkbox"/>
T1	1/2" x 1/2" Ferrite Transformer Core	1	PSF# FT.5	<input type="checkbox"/>

Designator	Description	QTY	Code	Check
T2	.825" x 1-1/4" Ferrite Transformer Core	1	PSF# .825	<input type="checkbox"/>
SW1	SPST Switch	1	PSF# SW1	<input type="checkbox"/>
RLY1	DPDT Relay	1	PSF# RLY5	<input type="checkbox"/>
Conn1, Conn2	Panel Mount SO239 UHF Connector	2	PSF# SO239B	<input type="checkbox"/>
Conn3	1/4" Stereo Phone Jack	1	PSF# PJ2	<input type="checkbox"/>
Cabinet	Aluminum Enclosure Assy.	1	PSF# AE-MED	<input type="checkbox"/>
HS1	Aluminum Heat Sink	1	PSF# AHS-MED	<input type="checkbox"/>
CB1	Pre-Drilled Copper Clad Circuit Board	1	PSF# CCB-MED	<input type="checkbox"/>
CB2	Copper Clad Circuit Board (Power Bus)	1		<input type="checkbox"/>
PS1, & 2	Pre-Cut Transistor / Pill Strips	2	PSF# PS8X	<input type="checkbox"/>
SCK1	LED Mounting Clip (Packaged w/ LED)	1		<input type="checkbox"/>
KB1	Control Knob	1		<input type="checkbox"/>
WIRE-1	15" Length of #14 Silver/Teflon Wire	1	PSF# TEF14	<input type="checkbox"/>
WIRE-2	20-1/2" Length of #16 Silver/Teflon Wire	1	PSF# TEF16	<input type="checkbox"/>
WIRE-3	5" Length of #20 Silver/Teflon Wire	1	PSF# TEF20	<input type="checkbox"/>
WIRE-4	18" Length of #20 Hook-up Wire (Color 1)	1		<input type="checkbox"/>
WIRE-5	21" Length of #20 Hook-up Wire (Color 2)	1		<input type="checkbox"/>
WIRE-6	12" Length of #12 Power Cable	1		<input type="checkbox"/>
COAX	8-1/2" Length RG316 Coax	1	PSF# RG316	<input type="checkbox"/>
FAN1	3-1/4" Fan Assy.	1	PSF# FAN3.58	<input type="checkbox"/>
FG1	3-1/4" Fan Guard	1	PSF# FG3.58	<input type="checkbox"/>

Designator	Description	QTY	Code	Check
HDW1	Hardware Kit (See Below)			
	SHCS #4 40 x 1/4" Socket screw	8		<input type="checkbox"/>
	SHCS #6 32 x 1/4" Socket screw	12		<input type="checkbox"/>
	Pan Head Sheet Metal Screw	2		<input type="checkbox"/>
	Pan Head Machine Screw #6 32 x 1/2"	4		<input type="checkbox"/>
	#6 Lock Washer	2		<input type="checkbox"/>
	#6 32 TPI Machine Nut	4		<input type="checkbox"/>
	#6 Solder Lug	3		<input type="checkbox"/>
	Pan Head Machine Screw #8 32 x 3/4"	4		<input type="checkbox"/>
	#8 Lock Washer	3		<input type="checkbox"/>
	#8 32 TPI Machine Nut	4		<input type="checkbox"/>
	Rubber Feet	4		<input type="checkbox"/>
	Rubber Grommet	1		<input type="checkbox"/>
	Scrap circuit board material	1		<input type="checkbox"/>
	Heat sink lubricant	1		<input type="checkbox"/>
	Label Sheet	1		<input type="checkbox"/>

Tools Needed: Standard electronic hand tools consisting of but not limited to:

- Diagonal wire cutters (4-1/2" flush-cut are the best)
- Needle nose pliers (4-1/2" with 1/8" dia. tips for shaping component leads, not those super long ones.)
- Good pair of tweezers (Serrated jaws are best)
- De-soldering tools if needed (Solder Wick, Manual solder sucker, Pace or equiv. powered de-solder station)

Everybody has their favorite hand tools that they use to perform a particular task, so the following pages will only list tools as a heads-up of some special items that are needed. The use of common sense is your best tool.